

## Volume 3. Air Operator Technical Administration

### CHAPTER 10. EMERGENCY EVACUATION AND DITCHING DEMONSTRATIONS

#### SECTION 6. REPORTING EVACUATION DEMONSTRATIONS

**1755. GENERAL.** The team leader is responsible for preparing and distributing the emergency evacuation or ditching demonstration report. The report must include at least the following:

*A.* An FAA Form 8430-1, Emergency Evacuation Demonstration Report (figure 3.10.6.1), is required for each demonstration attempt. For example, if two demonstrations are unsuccessful and a third is satisfactory, three forms must be completed and submitted as part of the demonstration report package.

*B.* The passenger information briefing card required by Title 14 of the Code of Federal Regulations (14 CFR) part 121 § 121.571(b).

*C.* A diagram of the aircraft is required, including emergency equipment, exits, exits used, the number of approved passenger seats, and the location of seats which were used by flight attendants.

*D.* A list of names and specialty of each member of the FAA team.

**1757. FAA FORM 8430-1.** The Emergency Evacuation Demonstration Report (see figure 3.10.6.1) must be completed in accordance with the following instructions:

#### BLOCK NUMBER DEMONSTRATION

- 1 Fill in date and time of the demonstration (use 24-hour time).
- 2 Check results of the demonstration (Sat or Unsat).
- 3 Fill in full and proper name of the airline and its four-letter designator.
- 4 Complete aircraft make, model, series, and number (for example: MD-9-80 (N 23AA)).
- 5 Fill in names and titles of FAA team members.
- 6 Check the appropriate block for the type of

demonstration. Both an aborted takeoff and ditching demonstration block may be checked, if applicable.

- 7 Check the reasons for conducting the demonstration.
- 8 Enter the total number of flight crew, flight attendants, and passengers aboard the airplane.
- 9 Check the applicable Regulations.
- 10 List each exit used and the number of persons who evacuated from that exit (for example, LF3/46).
- 11 Check the appropriate block for the type of slide used.
- 12 Enter the total elapsed time in the appropriate block.
- 13 Check the appropriate box which describes the airplane location.
- 14-20 Check the appropriate box (Sat or Unsat).
- 21 Briefly describe how nondesignated exits were blocked (for example, exits were blocked with red lights).
- 22 Briefly describe how the demonstration was initiated (for example, deactivated the normal source of power).
- 23 Remarks must reference the appropriate block number. More than one line may be used for one item. Comments must be listed for each unsatisfactory item.
- 24 The team leader signs this report and the district office manager initials it.

#### 1759. DISTRIBUTION.

*A.* After the district office manager reviews and initials the report, a copy must be forwarded to the Regional Flight Standards Division. The original package

will be retained in the CHDO file for 6 years in accordance with FAA Order 1350.15C, Records Organization, Transfer, and Destruction Standards. Additional guidance about processing and storage of evacuation reports may be found in HBA 98-20,

Processing Evacuation Demonstration Reports.

*B.* A flight standards specialist will review the report, sign and date Block 25, and forward a complete copy of the report to AFS-200.

**1760. - 1764. RESERVED.**

FIGURE 3.10.6.1.

**EMERGENCY EVACUATION DEMONSTRATION REPORT (FRONT)**

<b>EMERGENCY EVACUATION DEMONSTRATION REPORT</b>			
Instructions: Attach briefing card required by 14 CFR part 121 section 121.571 (c) or part 125 § 125.327 (c) and diagram of aircraft showing location of flight attendant seats, emergency equipment, and exits used for the demonstration.			
1. Date and Time of Demonstration:		2. Results: A. <input type="checkbox"/> Satisfactory B. <input type="checkbox"/> Unsatisfactory	
3. Name of Operator and Designator:			
4. Make, Model, Series, and N Number:			
5. Name and Title of FAA team members:			
6. Type of Demonstration A. <input type="checkbox"/> Aborted Takeoff Full-Scale B. <input type="checkbox"/> Aborted Takeoff Partial C. <input type="checkbox"/> Ditching Full-Scale D. <input type="checkbox"/> Ditching Partial		7. Reason for Demonstration A. <input type="checkbox"/> Initial Type Certification B. <input type="checkbox"/> Initial Introduction Into Service (this operator) C. <input type="checkbox"/> Increased Seating Capacity D. <input type="checkbox"/> Change in Cabin Configuration E. <input type="checkbox"/> Change in F/A Number, Duties, Location, or Procedures F. <input type="checkbox"/> Change in Exit Number Location, or Opening Mechanism G. <input type="checkbox"/> Other (Specify) _____	
8. Number of Persons On Board A. Flightcrew _____ B. Flight Attendants _____ C. Passengers _____ D. Total _____		9. Applicable Regulations A. <input type="checkbox"/> 121.291 (a)                      E. <input type="checkbox"/> 25.803 (c) B. <input type="checkbox"/> 121.291 (b)                      F. <input type="checkbox"/> 125.189 (a) C. <input type="checkbox"/> 121.291 (c)                      G. <input type="checkbox"/> 125.189 (c) D. <input type="checkbox"/> 121.291 (e)	
10. Exits Used* A. _____ B. _____ C. _____ D. _____ E. _____ F. _____		11. Type Slides Used A. <input type="checkbox"/> Inflatable B. <input type="checkbox"/> Noninflatable C. <input type="checkbox"/> Slide Raft	
		12. Time Record A. <input type="checkbox"/> Aborted Takeoff Full-Scale _____ Sec. B. <input type="checkbox"/> Aborted Takeoff Partial _____ Sec. C. <input type="checkbox"/> Ditching Full-Scale _____ Min. D. <input type="checkbox"/> Ditching Partial _____ Min.	
<b>Comment Record</b>			
13. Airplane Location A. <input type="checkbox"/> Hangar                      B. <input type="checkbox"/> Ramp		17. Crew Knowledge A. <input type="checkbox"/> Satisfactory                      B. <input type="checkbox"/> Unsatisfactory	
14. Company Safety Precautions A. <input type="checkbox"/> Satisfactory                      B. <input type="checkbox"/> Unsatisfactory		18. Equipment Reliability A. <input type="checkbox"/> Satisfactory                      B. <input type="checkbox"/> Unsatisfactory	
15. Emergency Equipment Inspections A. <input type="checkbox"/> Satisfactory                      B. <input type="checkbox"/> Unsatisfactory		19. Company Procedures A. <input type="checkbox"/> Satisfactory                      B. <input type="checkbox"/> Unsatisfactory	
16. Crew Performance A. <input type="checkbox"/> Satisfactory                      B. <input type="checkbox"/> Unsatisfactory		20. Other (Record in Block 23) A. <input type="checkbox"/> Satisfactory                      B. <input type="checkbox"/> Unsatisfactory	
* Exit Code: L--Left; R--Right; W--Window; F--Floor Level; VS--Ventral Stairs; T--Tail; C--Cockpit; U--Upper Deck; B--Below Main Cabin Floor. Number the Exits from Cockpit to Tail.			

FAA Form 8430-1 (6-87)

FIGURE 3.10.6.1 (CONT'D.)

**EMERGENCY EVACUATION DEMONSTRATION REPORT (BACK)**

<b>EMERGENCY EVACUATION DEMONSTRATION REPORT</b>		
21. How Nondesignated Exits Were Blocked:		
22. Initiation Signal:		
23. Discrepancies/Recommendations: (Make Reference to Appropriate Blocks)		
Block	Remarks	
<div style="display: flex; justify-content: space-between;"> <div>24. District Office Action:</div> <div>District Office Manager's Initials:</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div>Team Leader's name (type)</div> <div>Signature</div> <div>Date</div> </div>		
<div style="display: flex; justify-content: space-between;"> <div>25. Regional Office Review:</div> <div></div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div>Specialist's name (type)</div> <div>Signature</div> <div>Date</div> </div>		

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